

Ramaz Sheogeliya sefa the first goal agalosi Czechostovakia.

captured the lead in the European group 3 of the world championship quolifying tourna-ment, deleating Czechoslovakia, the 1976 European winners end 1980 Olympic champions, 2-0, at Thitisi's Dynamo stadium, The Soviet Union now has 11 points trom six games,

While the first Soviet goal, a brillient header from Shengetrya, provided much encouragement or a crowd of 80,000, lila purposes, sealed the late of the geme, for therceller the USSR kept up the preasure.

Soviet chief coach Konstantin Beskov sald eller the gamo he was satisfied with his teem's portormance. All the players, ho sard, excelled themselves. To beet such a formidable side, he added, gives us optimism for the

the singlest out for special preiso Sulakvolidze, Chivadze. Bessonov, and, ot course, Shen-

Czechoslovok chiej coach Juzet Venglos aald the USSR deserved to win, as they surpasand his side in all elements of the gains. While we could still expect a happy outcome in the first hell, Shongellya's goal only a minute into the second half, doshed all our liopes, he actd.

The USSR will compete in the Iwo remaining group games: home to Wales on November 18, and away to Czechoslovakia

#### WORLD CHAMPIONS SLIP UP

In Buenos Aires, the world

te vistling Poland, which has lootball litilists Argentino went down, 1-2, in a friendly gene pionship finals.

#### TENTH GAME RESULTS IN NIL TO BOTH GRANDMASTERS

of the factor observation of residence in the course of the continuous and

Anotoly Korpov still leads, 4—t, le the Merano title metch, olter the fanth geme

ended in e draw in the 32nd move. The next game la due oe October 31.

#### DRAUGHTS MATCH STARTED

A title match between delending would Polish draughta from Minsk, and world exchompion Florm Wiersma, of Fioliand, hos bean Inougurated

in Rotterdem, Hotland. The 20-game contest will be

ATTENTION.

ABROAD

DEAR READERS,

SUBSCRIBERS

"MN Information" comes oul on Tuesdays and Saturdays, and offers in brief the Saturd Infor-

metion on events in the USSR and in the world reported by

TASS and logelgd news agantlas

Holking short of the material catrled in the aditions of beth "Moscow News" and "MN In-

The maich has evoked much interest and will wlock up on

of life in the Soviet Union for

Subscription to "Moscow

News" and "MN information"

can be laken out with the lol-

Naw World Booksellers

M. and D. Solberyssski,
 78. Aucland Sir.,

Sydnoy, N.S.W., 2000-

infarnational Sookshep, Lid., [2nd Fider], 17, Elisabaih Str.,

Melbourne, Victoria,

435, Pill Sfr.,

\$1 Kilda-3192,

lewing lirms."

AUSTRALIA

formallen" gives you a full idea Spring Spekshep

will be enough to Gantvorg to relein the tills. He will play White in the opening game scheduled tor Novem-

#### TRAP SHOOTING GOLD

Tamaz imnaishviti. 28, from Tbilisi, has captured the skeet title et the current world trap ahoeting championship, hitting 198 targets out of 200. Italien Selso Glerdini ran up to him with 195 points, and Frenchmon Bruno Rosetti and Blia Penot ahared third place. Analoly rov, also ol the USSR, won the junior tournament, elso held et the July 9 Park stedium at Tucumán, Argentine.

#### JUNIOR BEATS ADULTS

Junior Okscn Mirzoyan (56 kg division) liited 158 kg, a new world record for adulte, and totelled 277,5 kg, a new national adult record. The Armenian was compoling in the internationa rnomeni in memory o Olympic champion Alexander Kurynov.

#### TENNIS: SENSATIONS AND REGULARITIES

Ivan Lendl, ol Czechoalovakia has continued his excellent winning streak in autumnel international oreeta by deleating Brian Gotilried, of the USA, 1—6, 6—9, 6—1, 6—2, in the final of an Austrian tournament included in the Grand Pria se-ries. Earlier he won tournamenta in Madrid, Barcelona and Basel. With '21 successive wins under his belt, he loads the series ahead of two hot lavourilos, John McEnroe, of the USA, and Bjorn Borg ol Swaden,

Balazs Tarozy, 27, of Flungary, has bealen American Eliot Teltscher, 6-3, 1-6, 7-6, la the nnal of the Tokyo Open.
Nlaria Pinierova. 35, of
Czechoslovaku, took the women's title by prevating over Pam Casale, of the USA, in the

fical, 2-6, 6-4, 6-1. American Vilas Gerulalila, meeting host Peler McNamaro in the final of a tournoment in Melhourne, took exception to the judges' decision in the third decisive aet and refused to conlinus on court, with victory

being awarded to his opponent.

Sue Barker, of Britain, unexpectedly deleated strong lavour-ite Trocy Austin, US Open winner, in the quarterfinals of a tournament in Brighton, and went on to heat Mimo Jausovec, of Yugoslavia. In the finel, 4-6, 6-1, 6-1

#### METALLIST WINS PROMOTION

Room 5, 1st fleet,

Molbeurno, Victoria,

13, Esploration Lana.

Malheurne, Victoria,

3/94, Tranchmens Rd.,

Rsundwick, N. S.W., 2031\*

Parth, Wastern Australia,

Papar Stationary Printed
Matter and Pholographic

Mr. A. M. Grunbard

Ploneor Bookshep

75, Bulwor Str.

37, Swansion Str.

Tribune Despatch

. Khaikny Metelliat heve won o ploce in the national tootball top division by beating Peviodar Traktor, 2-0, and omessing 59 points.



Moacow Dyname striker Analoty Semyonny (301 scores e fot in this season, and he also accored against Lenlogran Army Club. Photo by Gennody Dubcikovsky

#### STANDINGS UNCHANGED

In the letest round of the national ice hockey championship. Spartak beat. Krisigit in Sarelov, 4—1, Moscow Dynamo licked Leningred Army Club, 5—0, Torpedo daleated Riga Dynamo, 4—1, and Khimik

home.
The Central Army Club conttnues 'In the lead with 23 points, followed by Sparisk with 22 and Moscow Dynamo

#### **'RUDE PRAVO' CUP IN PROGRESS**

land, 5-2, in the return tically unch game in Prague for the "Rude Pravo" ice bnckey prize.
Thay won its first gamo, 7-t. Soptember.

The second of the secondary

Czechoslovakla delealed Fin- The hosis' line-up was practically unchanged from the ons fielded for the Canada Cup in

This is a big success for the

Tunisian team which laced for-

midable opposition from alse top Airican and Arab nations.

The local press gives much

credit for the achievement to

#### TUNISIAN VOLLEYBALL SPRINGS INTO PROMINENCE equad who won the first ever Arab-Atrican Solidarity Cup, in

Tunisla has given a triumphal reception to its men's volleyball



Steres Cerporaflen

PLAYER Georgy Slavkov, of Plovdiv

Frakle, has been aworded in Peria the Golden Boot, o prize initiated by the Prench maga-zine "France-Poolholi" for the top scoring player in European national cherepionships. Slavkov's winning total to 3f goals te the 1960-1961 season. The Silver and Bronze Book went respectively to Tibor Nytiesi (Ferenceoros, Budapesi), who emessed 30 goals, end Karl-Heinz Rummeelgge, of Munich Bayern (29). British ipswich Town, Duich

AZ 67, and Muelch Bayern were voted top European clubs of the

#### Viktor Tyurin, of the USSR, who has been troining the Tunisian team for two years now.

GOLDEN BOOT

TO BULGARIAN

Kuwali.



The Central Army Cleb has centured the lead in the Moscow round of the netional backetball championship. Recently the many-time netional tillisis closely deteated Moscow Dynamo (photo), who ere now in third piece.

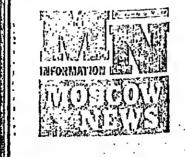
Photo by Gennady Dmitrivey

为这种是不是是一种的人,我们就是一种的人,我们就是有人的人,我们就会不是一种的人,我们就是一种的人,我们就是一个人的人,我们就是一个人的人,我们就是一个人的人的 550/552, Merchant Str.,

\* Refollers

Por ell questions invelvies nonreceipt of the paper, delivery of the paper to a new address, etc., please contact the firm from whom you ebteleed the subscription.

DEAR READERSI In ether-ceuniries, subscription for "AN Intermation" can be tekan out with compones which do business with V/O Mezhdunerodneya Kniga, The "Moscow News" weekly ts evallable in Russien as well. Confact: the firm or agency handling sub-scription for Soviet periodicals fe subscribe.



#### EDITORIAL BOARD

Addrass: 16/2 Gorky St, Moscow Printed at the "Izvestia" Press Moscew. USSR Published Tuesday and Sahirday Indes \$0078.

MN INFIRMATION HOLES

#### By air - from Moscow

# INFORMATION

No. 89 (301), NOVEMBER 10-13, 1981

Price 5 kopeks

# Kola super-deep drilling record

the last the same of the same

The super-deep Kola well, beyond the Soviet Arctic Circle, la the first well in the world have been sink to a depth of 11,000 m. Commenting on the acientific and practical value of this world record, David Guburman, leader of the Kola deep-drilling prospecting expedition, seld thei the data thus collected were vitet not only for solving fundamental problems of the acienco of earth but would olso ho of assistance in opening up now minoral deposits. The experience accumulated in super-deep drilling, Gubermen acid, would help make the sinking of deep and super-deep wells more effective.

# Soviet

# Union

# celebrates

## Revolution

On November 7, this country colebrated the 64th anniversary of the victorious Great October Socialist Revolution. The centro of this nation-wide celebrotion was Moscow's Red Square,



Parlicipanis of the demonstraten in Red Square,

Pestive columns are moving to Red Square in Moscow,

where a military parade and a domonstration by Muscoviles

On the same day, the Soviet government gave o receptice in the Palaco of Congresses in the

The guests were oddressed by Leonld Brezhnev, who said in

"We live god work in a complicated international situation. The dangerous plans ond the adventurist policies of the aggresalve forces of imperialism pose e threat to peoce and security. in such a altuation, the might of the Soviel state and its sociallst allies and our steadfast and

consistoni policy of peace and cooperation with all sobarthinking and peace-loving forces ere emerging more end more clearly as one of the main guareniees of the continuation of universal peace. Oo this solemn day, we give our pledge that the Soviet Union will continue to do everything to tuilill peo-ples' hopes, and will traily and steadily maintain the cause of peace, justice and treedom."

In the evening, there was o display of fire works and merry-making to the streets.

Military paredes and demonatrations by their citizens took place in the capitals of the constituent republics and in other

## **CUBAN SAILORS** SAVED

Soviet satiors have saved the crew of a hurning Cubau ahtp. Thus read a radio message from the "ingur" refrigoration vessel, received by the Latvian Shipping Company.
Y. Baranntkov, captalo ot the

"Ingut", radioed as follows: We were is Cuba to pick up a cargo at citrus truit, Alter funch, our watch reported a lire on the "Initas", a Culton streamer moored not lar away. We immediately hurried to the rescue Our sallers first saved the crew and then began to deal with the blaze liselt which took cight hours to put out. The "lınlas" was saved.

On behalf of his crew, the captain of the "intes", ex-pressed deep gratifude to the

#### FACTS and EVENTS

O Mexico City. An eahibition of hoeks for children end edolescents hes opened et Mealco Cily's Exhibition Hell. More than 120 publishers, book distributors and companies from

25 countries are taking part.

© Prime Minister el India
India Gandhi came te Italy lor en efficial tour-day visit. She will meet the heed of the ttellan government Glovenni Spadolini end Fereign Minister Emilio Colembo. Questiona el bilateral reletions and topical interna-tional problems will be dis-

O U San Yu has become the new prasident of Burma. U San Yu, whe previously held the post of Sacretery et the Stele Council, was clasted the heed ol state at a session of the Paople's Assembly (porliament). Former president of Burma U Na Win did not run for the presidency for health ressens.

## SOLIDARITY WITH CUBA

Fregue. US Secretary of State Halg's threatening stolements against Cuba and the intentions of the American Administration to apply economic, political end milliery sonctions egainst that country create a er of war breaking out and make oit the peoples in the world slep up their fight for

peace and peaceful coexistence. Thus reads a slotenced released here hy the World Federollon o Trade Unions. The stetement notes that America's hosilie campaign is directed not only against Cuba but ,olso against tional liberation movement in El Salvador.

## Japan's 'No' to nuclear weapons in Asia

Tokyo. Japan has notified the United States that it opposes plens to site tactical nuclear weapons in Asie. According to the Kyodo Tsushin news ogency this wea ennounced by Molaude, edviser to a Foreign Ministry Department, when addressing a

special security commission of the House of Representatives of the Jepanese parliament. The statement was mode in answer lo a question from deputies ax-pressing concern over the Amer-ican Administration's militarist plans on the continent of Asio;

## NICARAGUAN REVOLUTION IN JEOPARDY

Menagua, Tomas Borge, Nica-raguan Internal Affaire Minister told a meeting here that Nicora-guo is foctog eggression from the United States and its eitless He urged Nicaragness to close

their ranks and to be ever ready to take up erms in defence of their motheriand. We declare our firm resolve to defend the revolutionary gains, the minister

## ARAB STATES PROTEST AGAINST ISRAEL'S DECISIO

Now York. The General Com sembly hos recommended that the laracil decision to build a canal linking the Dead and Mo-diterrenean sees he included as an urgent issue on the agonda at the current 30th session of the UN General Assembly. This motion has been proposed by a large group of Arab states which ere deeply concerned over the project for part of the canol is to cross territory illegally oc-

cupled by the Israelis.

In their letter to the UN
Secretary-General, the Arab
countries alress that plans to dig countries alress that plans to dig the canal provide clear syldence of the largest outhorities inten-ition of affecting fraversible economic, geogrophical and demographic changes on the oc-cupled lands. It is emphasized that such plans are at variance with Jordan's interests and with the institution. the inalienable rights of the Polestinian people,



in the Hague, Holland, court proceedings era now to progress against soldiers who refused to guard alores containing nuclear weapon on the territory of the Nejherlands;
In the photo: Dutch soldiers committee mambers picketing the building where the court martial is taking place.

## PAN-AFRICAN NEWS AGENCY

agency (PANA) will start tunc-tioning next year, said agency director W. Diallo, He stressed thet 12 Africon countries have elready signed an agreement to

Luanda; The Pan-African news join the agency Regional agency (PANA) will start functioning next year, said agency shara; Luanka Lagos, Kirartoum director W. Diallo. He stressed and Tripoli, while the agency's heat 12 Africon countries have been directly and the passed already algored an agreement to in Dakar.



## Heavy toll of South African invasion

Luanda Racisi South Africa has beas wiging an undeclared wer egainst the People's Republic of Angola ever alace the latter proclaimed the ladepeadence. The South Africane are frying to undermine Angola's plans for social and economic devalopment, to maintain their Illegal occupation of Nomibia and to preserve the epartbeld ragime in South Africa Itsalf, said Burnito de Souza, Pirat Secretary of the JMPLA-Perty of Youth, to the report he pre-cented on behell of the JMPLA's Nellosal Committee at the organizatinn's First Congress, de uza said that in the first teo

months ut 1981, the South Af-rican rectsts carried out 1,6t7 reconnetssance and 150 hombing ralds agelosi Angola, landed 44 peratraop essault groups by plene and helicopier, end ergenized 50 incuraions by ground troops and a large oumber of other armed acts of provocation Lasi Augusi, de Souzs aetd, the world witnessed yel enolber barbarian act by the South Alrican recisis who, with the coanivence of the American imperialists, inveded Angola, killing thousands of civilians, leaving 160,000 homeless, destroying roads and hildges and burning down towns and villages.

#### Anti-Chinese demonstrations in Indonesia

Takyo. The anti-Chinese mani-festations which began in the town of Baode-Acheh (Sumntre) ere apreeding to the other cities on this island. A Kyodo Taushin corresponded reports from Jakarte thet clashes between indonesians and persone af Chinese extraction Huagiao have taken place in Lokssumae which

lies within two hundred killomstres al Banda-Acheb. Hundreds of sludenis were involved and public security troops made

numerous arrests,
The present eruptions of antiChinese sentiment, Nihon Keizal writes, reflect Indonesiana growing disconlent with Huagiace who occupy leading positions in the todonesien economy.

## Religious organizations advocate peace

gelical Church of Germany, the PRG, have ctrculeted a document calltled 'To preserve, strangthen and renew peace on Earth". in the document ii is emphesized that raiber foan promoting peace, the production and slockpiling of ermaments poses an increas-

ing challenge to fl.
It is juriher stressed that America has "made an over! shill towards a policy of military strength". Speaking all a press conlereace, Blabop Eduard Lohse, Chairman of the Council, urged citizens lo take a more active parl to the drive for peace and disarmemeni.

New York. The Christian Peace

Conference has urged the United Nations to support the Soviel Union's draft resolution on the prevention of a nuclear catastrophe, submitted to the 36th session of the General Assembly The appeal is made in a leiler eddressed by a Christian Peace Conference delegation to UN Secretary-General Kurt Waldhelm, in which it is airessed that the new Soviet peace taltative is extremely important in the present complicated laternational situation which gives believers cause for deep concero. Chrisilaas support this iniliative because it is aimed at prevention nuclear war which we consider to be a grave crime against humanity, the letter says.

## INFLATION RACKS TURKEY

tion" is the nickname gives to the five-thousand-line banknote wbich bas just gone into circutetion in Turkey. The emission of notes in such large danomi-nations is caused by the uneading inflation et present plagulag

**VIEWPOINT** 

sumer goods. The newspaper "Günaydlo" notes, among other tbings, Ihai whereas lea years ego, teo thousand liraa could buy nearly e tonne of rice, today only 36 kilogrammes caa he bought with this sum,



The godfather.

Drawing by Vyocheslov Chokiridis

#### Arab League opposes West European involvement

Parls. Prance-Presse-TASS. Members of the Arab League are astoalshed at the suggestion that military conlingents from Wesl European countries should join the "multinational forces" in the Sinal Peninsula, said M. Yazid, Director of the Arab League Bureau, in Peris This alep cas only be regarded as alding and shelling the Camp David accords which have been fully accepted aeither by the Uaited Nations aor the Security Council, and have been sharply condemaed by the Arab world.

For Iheir part, the Arab couatries find it impossible to over-look the fect that the West Europesas have slipped into the role of supporting the Americana, the mein insligelore of the Cemp David eccords end israel's principat ellies. That some West European couotries have consented to provide troops for the "multisellosel forces" in Sinai will have a serious oegalive effect on their relaitoas with the Arabs, Yezid empbesized.

Georgi SAVIN

# Rehearsal for intervention

A larga-scala expresse, codenamed "Bright Star", will take place over a vast eres of the Middin Hest, fram the Libyan barders alf the way to the frentiers with Iran. Unlike tast year's managuves of the same name, which were concentreind in Bgypt, the slates of Suden, Somalia, and Oman are elsa invafynd in the present eaercise. The decision to extend the rone of menocurres was fatun by President Reagan fol-towing Sadafa death to add dimension to the American "muscfa ilaxing".

Tha plac of the gemes, as confirmed personally by Enngen, en-visages the envelopment of the Middle East eres, primerily of the capitalist world's "all stare-

1

hoose", on thme sides, placing it in a sort of sack, in the part and south-east, American Marinns staffaned aboutd US wer-ships in the indint Ocean will be landed on the Omanese is-lend of Musim and at the So-malf pari at Terbere; in the couth-west, the American Ma-rines and the repid deployment force will come schare in Sudan where Egyptian units will also be deployed. The north-western flank will be blacked off by American Sixth Fleat, werships, same of which will enfer the Gull at Sidre with the alm, econding to "Newspeak". cording to "Newsweek", of creating problems for hips as well as tankers carrying oil from Libys. One cannot but receil that any recently two Libyen patrol

的复数形成的

plenes were downed in precisely fils erea by American fighters from the "Nimilz" alreraft car-

the plan for the apercises Libya is viewed as the largest of fire "main thrust". Altagether 4,000 Marines from American Sixih Mannas from American Sixih Fleel ships, as wall as units of the \$2nd US airborne division constituting the backbann of the rapid daployment lorce, will be dropped in a desart nree of Western Egypt bordering on Libyn. Mareaver, 35 B-32 stratogis bembers capable at carriage problems. rying nuclear weapans will take all from their North Dacola bases end, covering a distance at 11,000 kilometres, will bomb rehearsing it.

tergets in Western Egypt, with USAF F-16 fighters already in Egypt providing cover for them.

One is justilled in asking onn-self why this nearcise, disigned to show US ability to react to any situation in the Middle East, has not been joined by Is-real, the main American nily in the region. One should not be mising, however, by this demonmisind, however, by this demonclear that anca America
"reacts" in aernest to eny
Middle East "situation" the trreell wer machine will Jain in in keaping with the American-israeli "strategic caapuration" accord, agreed upan during the recent Reegan-Begin talks,

Asked immediately effer the Sadat assessination whether America was prepared to intervene militarily in Egypt should American inintests prove to be American inintests prove to be in Jeoperdy, State Secretary. Halg replied: without the slightest doubt. The expanded former at the "Bright Star" wer games is indicative at the fact that not only does America have a scenaria for such intervention in the Middle East up its aleave fi has elicency started

### DIPLOMATIC **PASSPORTS**

FOR SPIES

Wesbington. The "Coverl Ac-lion" magezino reports that re-cantly 69 ClA career agents have been seot as diplomats to 45 countries. The magazina writes that their mission is lo work out and put into execution "secret operations" against foroign nations end governmeols, as well as "secret Amsrtcan lotervenilon" in differen

are now conceateding their attention on West Europeaa countries which have been swept by a powerful movement against the deployment of new Amer-

## ISRAEL UNVEILS NEW AIR BASE

An un veilin ceremony took place recently in Force bases being built in the Negev Desert with ective financial and technical backing from the United States. During the ceremony, which was attended by Prime Minister Begin, a tilght of eix israell planes landed on the runway of the new base 50 kilometres north of the port of Elleth.

The two bases will compen sale Tel Aviv for the loss of several elr-fields in Sinal which, under the Camp David accords, are to he returned to Egypt Having carmerked a thousand million dollars for the construclion of the two bases, Washington expecte to use them as elaging posts for the rapid deployment force.

## 'Great depression' haunts Europe

New York, According to "Time" megazine, Western Europe is in the grip of the most terrifying unemployment epidemic since the "Greet Dep ression" of the 30s. Comment ing on the amployment allua-fion in Western Europe, "Timo" eave that economic forecests hold out no hopes for improvement. The magazine quotes the OECD, Organization for Economic Cooperation and Devalopment, incorporating leading lodusirial nations, as pradicting that by next year the number of unemployed in OECD member-countries will go up from 24 to 26 million

Mosi of this increase will Mosi of this increase will occur to Western Europe. At present, neerly atne million of the able-bodied population in the EEC are out of work. The megazine believes that by 1985. This figure may rise to 12 million.

# Foreign Ghana's economy

Accra. Certain neighbouring countries are deliberately sub-verting the Chanaian economy, e member of perliamant represenflog the Popular Pront Pariy,

has aatd bere. Recenlly, various foreiga firms have sharply lacreased their ope-retions to the Western area of our country, the MP said. Particularly active are egents from the Ivory Coast, who buy up large quantities of cocoa beand. Ghane's staple crop. This illegal export of cocoa ta causing aerious damege to government plana for egriculture.

MN INFORMATION No. 89, 1981

THE WORLD



**FACTS** 

and EVENTS

O US inligence in the UN I

steadily gaing downhill end is "insignificent", US Permenent Representative la the UN

the "U.S. News & Warld Repart".

We connot got backing in any venture, she stressed. The pest

15 years have taught us not to hope for too much, she com-

plained, edding that the US con-sistently linds theoit in a minor-

ity in all mejor issues discussed

© Ethlopie plans to build more than 800 new schools in the

current ecodemic year, bringing the total number of pupils in

primary and senior schools up to

The Spanish Ministry of La-

bour, Health and Social Security

reports that in October the num-

ber of unemplayed in the coun-

try went up to nearly 1,600,000,

emounting to 12 per cent of the

gainfully employed population.

TO THE RESCUE

Cairo. The High Aawan Dam

has saved the agriculture of Egypt and the Sudan from a real

disester. eatd W. Sheauda, Egyp-

flan First Deputy Minister of Ir

rigation. In his interview to the "Al-Musaawar" magazine, the Deputy Minister polated out that the level of flood waters in the Nile Ibis year had been very low

end ea a result the threat of

drought had raised its ugly head. But for the Dam, said W. Shenu-

de, vasi tracts of land would have been parched with disastrous effects on the national aconomies of the two countries.

Egypt's Aswan bydroelectric

complex was hullt with as-sistance from the Soviet Unico.

ASWAN DAM

of the UN.

Kirkpeirick has edmitted in

tha biggest on the West Bank of the Jorden, Multiple armed torcea surrounded tho campus and ordered the aludeats ia leave. ta the photo

Amman. The Israeli

Bir Zet( Univarsity,

occupation euthorities

Bir Zeit aludeois protesting against
Tel Aviv's attempts to talst a "new order" an the Arabs.

#### Science and tachnology

#### CARBON MONOXIDE AND HEART DISEASE

Cerhon monoxido rather than nicotiae la the tikely causo of heart diacase in cigaretto smokers, writes British modical magezino, "The Lancet".

Scientists from the imperial Cancer Research Fund found that while pipe smokers had the highest nicoling levels, cigarette smokors had more than twich as much carbon monoxide in their blood as pipe smokers.

The report said the likely explanation was that pipo smokers inhaled icss decayly and took in less carbon mono-xide but absorbed more nicotine through the lining of the

The observation that pipa amokers have a relatively high nicolina intake but lillis il eny excess risk ot death from coronary heart disease strongly suggests that olcotine is ool the melor cause of the bigli risk found in cigerelle smokera.

#### DESERT ELEPHANTS

Unique elephants have bean discovered, and photographad from a helicoptar by zoologista, in the Namib Desert in Africa. The animals are five matres followed by the control of the property of fall, which is a metre higher than the African and Asian elephsata we have kaown to date. These giant beasts, whom the zoologists walched for several days, are aight asimals, covering distances of up to 40 kilometres per night. Their unusually long legs and wide feet are well suited for walking cover desert sands. The zoologists over deserf sands, The zoologisis counted oearly 50 antmals.

#### EXPLOSIONS FROM SEA WATER

A Swedish firm recently er-

ranged an explosion making use of comoion see water, before a group of marine eagineers in Munich, Under certain condi-tions, sea water develops explosive properties; less than two thica tounes of greatle. In ne-cordence with the jechnology developed by the Swedish firm, a special cannon fires the ses water et a speed of 200 to 300 drilled in the rock, Rather than splitting the grantic into bits and pieces, the heavy pressure makes the grantte come unstrick in big lumps, Marine experts believe that the new technique could come in handy in demolishing old coastel struc-

#### YOUR OFFICE IN YOUR BRIEF-CASE

The laies product of the

Japanese clectronics lodustry, "en electronic-writing instru-ment" in the form of a typement" in the form of a type-writer weighing slightly over a kliogramme, is being widely ad-verlized in Japan. The Sony Type Recorder uses its memory unit in place of paper. It re-produces what is typed on its liquid crystal display, so that the lexic can be corrected when needed Part of the recorded needed. Part of the recorded otessage can be typed out on paper by means of a conven-tional electric type-writer or fed Into a teleprinter or computer.
The machine's rapid priaging aftechment can transfer the text oato a lyps-writer at a speed of 55 characters a second. 120 conventional type-written pages can be stored oo oae plate of the

#### FROM the SOVIET PRESS

#### **OPEC: IMPORTANT AGREEMENT**

OPEC has agreed at its special Genevo meeting to unity oil prices based on the Saudi Arabian price for light of 34 dollars per baricl. Alexel Vosilyev writes in PRAVDA.

The Geneva agreement will have for-reaching consequences for international economic and political life. It has dispelled the manapolites hapes of dividing OPEC by provoking a struggle between its members and has reversed the tendency lawards increasing all prices. The accomplisation of enormous oil lawards increasing oil prices. The occumulation of enormous of slacks in the West, luel-snying measures, the economia recassion in industricitzed copilalisi countries and the development of olternotive sources of anergy—all this seamed to toyout the plons of the monopolics.

But the common inicrest of the off-exporting countries in obloining loir prices for their natural resources gained the upper hand. The agreement reached within OPEC means the restoration of unity to the countries belonging to this induserital arganization. This agreement makes it easier for them to protect their interests and to stop the anslaught of the monopolics, A. Vostiyev stresses.

#### AFGHANISTAN'S FRIENDS AND ENEMIES

Soviel soldiers in Alghanision have adopted the interests of the people oguins! whom the imperialist mercenaries have un-leashed on undeclared war as their own, the newspaper KRAS-NAYA ZVEZDA willes. The newspaper emphasizes that the nable character of the Soviet soldiers in also shown by the foci nable character of the Soviet soldiera in also shown by the foct that in their military octivities they take care not to harm postuting cattle or brooks and wells, constantly hearing in mind the inforests of those on whose bahall the April revolution has been occomplished—the Alyhon working people. They deliberally uccept responsibilities in every day life.

The enemies of Alyhonistan, the Western ideological sabuteurs, the newspaper emphasizes, are bent on concealing the truth about the April revolution and an discrediting the tolly and roble mission of the Soviet soldiers in Alahonistan.

ond noble mission of the Seviet soldiers in Afghanision,

The Voice of America, the BBC and the Voice of Peking pour out on endices streom of lice and lotalications, Exploiting the almost 100 per cent liliteracy of the population, the reactionarica intensively dissentante pravocative rumours and

#### THE 'BLITZKRIEG' CONCEPT AND ITS **FOLLOWERS**

The Ideo of the "blitzkricg" is ogula winning chompions among the more reoctionary militory-industrial circles in tha West today, many years offer the crushing deleat of German lascism, Povel Zhilin writes in the weekly NEW TIMES,

The Peniopen strategists, who are evolving the concepts of "deferrence", "odvonced trentiers" and "preemptive strikes" and who ore trying to revemp the old decirine of tha "bilizkrieg" or produce a new concept of the "super bilizkrieg"

should remember frow the laseful venture ended.

The political significance of the "bitizkileg" concept remums unchanged under present-day conditions whatever terms may be used to mask it. It was and remains a concept of nn aggressive wor. It is tolumount to nucleor aufetde for its proponents and incliers because retoliotion would be lat-

While we follow a policy of peaceful coexistence, we are ready to repel aggressors alony moment, Zhilin siresses. For us the soleguarding of peace means the soleguarding of so-ciolism, the soleguarding of a bright future for the whole of

#### DANGERS OF NEUTRON WEAPON

The neution recopon considerably incicaeca the risk of a nuclear conflict, Professor Vitaly Zhurkin, Deputy Director of the Institute of American and Canadian Studies of the Academy of Sciences of the USSR, remorks in the INTBRNATIONAL AFFAIRS magazine.

As is known, the scientist emphasizes, the neutron weapon

loday means warheads for the Lance missiles and charges for elghi-inch howlizers, i.e., for weepons of comparatively taw yield, in the order of a kilotonne. This means that if will be much easier for a commander on the buttlefield to decide to use such weapons.

The American president's decision to produce the neutron bomb could be considered on infernot mailer if the bomb was only inlanded for use on US terrifory, But things mand quite differently. The neutron bomb is not intended for internal use only, and therefore threatens other peoples. The neutron weapon may become a defonator which will touch oil ouniversal nuclear holocaust, and, therefore, cannot be regarded as a domestic issue concerning America alone, Vitaly Zhurkin stresses.

#### 'IDEOLOGICAL OF INTEREST WORK' IN LAVATORIES

Paking. Reuter-TASS. "People's Dally" edmitted that somo menior officials objected to having to do manual lehour undar a

recently revived system. The Communist Party news-paper said more than 10,000 centrel government officials aow performed physical labour each weekead in Peking, They injournal "Red Flag" who cleaned

But the newspaper added to a commentary: "A' minority ot. comrades, including some comredes in leading posts... think sweeping and cleaning at week a to great affairs of state."

Such officials were narrow-miaded and did not understand the importance of such work in building a flourishing, civilized, etable and beautiful modern city,

If was announced that members of the Communist Pariy Secretariat swept paths avery Saturday efferncon in Zhongnan hai, part of the former imperial palace where many of Chine's top leaders live.
Whereas Mao believed that

manual labour was usaful mainly es a merns of preveating of ficials developing bourgeois ways of thinking the paper re-commended it en the more pragmatic grounds that it was good for the sovironment.

#### Kissing is harmful to health

A curious piece of research has been conducted by the medical department of the university of Berne, in Switzerland. By the tue of sophisticoled in-

struments and by numerous struments and by numerous onalyses, the researchers have established that kissing is hormital to health. Toking into account the energy wasted in kissing, the abrupt increase in pressure and the laster heart-beat, plut blish hogative factors, it has been calculoted that each him elections its by this minkiss shortans lile by thice min-utes, and 20 kisses—by as long as on hour.

The dulhors of the nurvey

point out. Theralore: thoi the more people kies, the older they become, "La Suisse" newspaper, however, blds fovers to toke heart. It one gives up kissing, It egys, one with he more likely to dio of heredom, than of old age.

#### 'Oh, my feetl'

A company in Fronce has signed the production of elices with inficiable soles designed ior long-distance runners. Foot-wear specialists also constint the shoes, which protect the test against folique, to be suit-able for long-distance walking expeditions.

#### Jumbo cinema screen

The largest alnema screen in Western Strope has been erecited in Holland, 23 metres wide and

17 mnires high, the screen is the size at the lacade of the six-storey house. All this is very fine: the only drawback is that the screen requires special films --- the langual of which lasts 27 minutes, it also requires the use of o special projector weighing more than o lainte and as big at on average sized hus.

B

Pr

A SHAPE

6

#### That's a real cake

The world's biggest coke, downring an area at eight square meires was made by a Danish confectioner for the tes-Danish conjectioner for the test ivities commismoraling the on niversary of the Hordstrug school, in the lown of Koge. To produce it, 850 ages, 28 littes of cream and 15 kg at marripan were used. This too will be safered in the Guinness Book of Records.

AN REPORMATION, No. 89, 1981

#### Round the Soviet Union

THE FAMOUS BLACK SEA MULLET ARE NOW BEING CAUGNY AT THE EXPERIMENT. AL PLANT SITUATED ON THE SHABOLAT LAGOON, NEAR ODESSA, This is the only piece in the country, where no experi-ment in the artificial propagation of valuable fish is being carried out in favourable natural condiflons. It is hoped thereby in repleaish the mocks of multet end in increase the catch. According to the estimates, local reservoirs should be able in produce samually more than 5,000 lonnas of mulet.

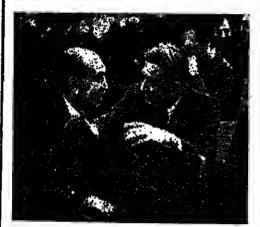
A RESEARCH INSTITUTE FOR THERAPY, THE FIRST IN THE EAST OF THIS COUNTRY, HAS BEEN SET UP AS PART OF THE SIBERIAN BRANCH OF THE ACADEMY OF MEDICAL SCIEN-CES OF THE USSR. Research af the new institute will be concoeireled on working out new methods of diagnostics, of treatment and of preventive medicine, with perticular effortice being paid to the climetic-geographic conditions existing in Siberis and the Far North, The health of the reliway workers and the builders of EAM, and ut the nil and other energy workers In lest-developing regions, will be a particular concern with ro-searchers at the institute.

AN ORIGINAL OPEN-AIR MUSEUM IS BEING SET UP IN OSH. CENTRAL ASIA, A MOUN-TAIN CITY THOUGHT BY SO-VIET SCIENTISTS TO BE THE SAME AGE AS LEGENDARY TROY. A settlement more than 3,000 years old hes been dincavered is the contra of Osh, on e mountein sinpe. Old houses and out-beildings from mountain villagen will be included emong the museum exhibits, as will workshops of crefismes weevers, patters, blacksmilhs, elc. There will also be resteurents nervieg

# MOSCOW HOUSE OF **SCIENTISTS**

The Hause of Teachers, Writers, Doctors, Artisin — the list of such clahe in Mescow. Irequested by people belonging to specific occupations and sharing the same interests goes on and on. In lact these widely popular clubs, for from being paraller to Mescow, are to be far from being peculiar ta Moscow, ere to he lound in all Soviet cities. They are also open is college students, workers, housewives, and schoolchildren, in fect to all having as in the in science, culture end net.

The Moscow House al Scientists, one of the most interesting at the clubs, is housed in an old mansion, huilt in the early 19th century.





The House has 30 scientific groups, which discuss most varied, vital scientific problems, with undisputed authorities in particular fields.

There is siso an amateur film studio, e symptoms of the statement of the studio. iony orchesira, and en art etadio et the House. The tennis group, one of the many sports groups started here, has a membership of over 300, some of whom ere well into their 80s. In winter, the House operates its own ski centre; it has also tourisi centres in the Battic republics, the

Ukraine and the Caucosus. The House is a collective member of the USSR-France Society, and solves held on its premises devoted to French literature end eri, invertably attract full bouses.

A view of the Moscow House of Scientists, Academicians Nikoist Semyonov end Ivan Kunnyanis is hetween group eessions.

## NEW INHABITANTS OF THE TRANS-BAIKAL TAIGA

Siberian scientials are explor-ing the possibilities of rearing herds of horses in the trans-Belkei Isige, in the region of the BAM reliway. The first animals have stready been brought from Yakutis and introduced into the

untovsky teigs, in the north of Buryalla.

it is not chance that the choice tell on horses, which do
not require o lot of looking after
and sland up well to the sharp
changes in temperature typical ares. The many varieties of grass for which the trans-Baikul talga is famous will ensure n good tood hase tor the horses. Yek-breeding centres are also being set up in the BAM zone.

## KARAKUM GAS

Construction work has started on o major ges extrection com-plex in the Turkmen SSR, based on the Dauletnbad-Donmez gas deposit, in the asuth of the

The distribution lines of the first gas field ere belog leid end n eettlement is being built. A elte hes been prepared for the construction of a plant for the pre-processing of gas. In 1983, it is hoped to obtain 8,000 million cubic metres of fuel.

Over the past 15 years Turkmenie has become a major gas producer in the Soviet Union, Todoy one in every six cubic metres of gas, extrected in the country, comes trom Turkmenis.

## RIVER FLOWS UP MOUNTAINS

The Kuro River has been provided with e second had: it now flows through the pipes of e new pumping etelion which hasgone into operation in Georgio to trrigete 400 hecleres of mountelnous lends.

Large-scale construction of reservoirs and ruechanical irrigation systems is teking place in Georgie, where the natural flow of rivers does not meet Irrigation requirements. At present more than 60,000 hoclares of fields, archards and klichen gardens ero irrigoted solely by pumping sictions. The Narek-vavsky and Kushiakhevsky rsservoirs, with a total capacity of went into operation this year. Construction work has started on the Birkiansky reservoir in the east of the republic, which will irrigate nearly 140,000 hecteres of vineyords in Kokhe-

Ail in oil, the republic irrigates shout 400,000 hecings. By the end of the year, their orea will have been incressed by enother 6.000 hectares.

#### FROM the SOVIET PRESS

ENERGY IN THE CURRENT FIVE-YEAR PLAN

This country is to introduce structurol changes in This country is to introduce structural changes in its fuel and energy production by increasing the share contributed by nuclear and hydroelectric power, by natural gas, and stitp-mined coal, writes the VOPRO-SY EKONOMIKI magazine. As all extraction continues to grow all with the used primarily of a row majerial for the chamical industry to the intensingly utilized to provide heating for cities. To this purpose, fi ized to provide heating for cities. To this purpose, his planned to build combined nuclear thermal and power stations and nuclear atolions for heating. The eastern part of this country will ploy o much greater port is the extroction of tuels and in the generation ol electricity produced from cheap coal and by hydroelectric projects. Coal from the open pile of th iz (Kuzakhsian), Konsk-Achinsk ond Kuzboi (Siberia) coal-lields will be used to fuel major thermal nower slattens to be built there, to supply energy to the Urois and to some parts of the European USSR. All this sels rollway and pipeline transport with new important lasks. Particular importance is alloched to the long-distance transmission of electric energy, in the 11th live-year plan, only nuclear stottons and stations producing hat water will be built in the European areas of the USSR.

#### DOSTOYEVSKY CONTROVERSY

By UNESCO decision, 1981 was proclaimed the year of Pyodor Dostayevsky, the 19th-century Russian

Many works have been published recently in the West describing Dostoyeveky as a singer of chaos and originator of the literature of the absurd, writes the KOMMUNIST magasine. But pessimism was in fact often to Dostoyevsky, the magazine ergies, to he was a writer who had much hope in the lifette of Russia and of mankind and passionately sought out

ways leading to sventual "world hormony" and to the traiernity of peoples and nations.

Realizing that the tenor of little which took in the Buropoon sicles over severol centuries was protoundly wrong ond, historically, inevitably ted mankind in the hourgeon epoch to "nifenation" and to the loss the hourgeoia apoch to "nifenation" and to the loss of the humon eigment, Dostoyevsky stressed that no humon can be deaf ond indifferent to the sufferings of another. All things in the world, he claimed, ore hound with a single chain, and the pain caused to one of its tinks is tell by the rast. From here is derived Dostoyevsky's potentic with the poelitical foolistic view of the role of the "environment" which tronglers the blame from man onto externot "inclors", and his apposition to the idea of man as being a one else's hand, his appeal for effective help and sympothy, and his craving for a new "world harmony" on cattle. The writer saw his responsibility on an ortist and his duty to the present and luture generotions, stresses the magazine, in helping to "rehabiti-tole lost man" wriggling under the "yoke of circumrums of centuries and social aupersti-

#### TEENAGERS MUST BE RESPECTED

Moders teenggers, both boys and girls, growing up Moders teenagers, both boys and girls, growing up last, ore badly in need of social sett-confitience. However, we odults, om not, as a rule, in a hurry to allow them to become independent, writes Viodimir Karokovsky, director of a Moscow school, in PRAVDA. Bell-confitionce is essential, though it is lotify difficult for young people to gequire. It seems that overything changes at a school, except the status of the pupil, Lef's compare a lirst-former and a school-leaver. The same noise in the daybook, the same summons to parents, the same obligatory had breaklasts. From class to class the status of a pupil at school remains almost unchanged, in incl., one could even say that it is bupit grows, he becomes more dependent on his leachers. The condition of a school-leaver in this sense is unenviable. sonse is unenviable.

I know that many people believe that prezent day muptle ore too self-willed, as it is. The deliant and

ondaelous acti-will of some tecnogors and youths is o peculior protest agolinat their stotus of school, a torm

One of the Brat Soviet teachers Anton Mokarenko stressed: onn should be very demonding of a pupil, but olso show on much respect tor tim as possible. This outstonding teacher respected those who normally ore deigned only with mieirust.

The tollowing these sounds on a padagogical extension education without sell-education to the incomplete, while if o child te brought up without ony sell-involvement, the process will be an ineffective one, Troining, education ond upbringing mean the interaction of the teacher and pupil, of the child and adult, The teacher who tolls to understand this won't succeed at his job.

Lyudmin Pokhomova, the list Olympic ligure ekul-

#### THOUGHT IS CENTRAL TO SPORT PURSUIT

sportsmun in the EOVIETSKAYA ROSSIYA newspaper. In our pursuit of perfection to is very important, to my mind, ahe elipses, not to gravitole too much towords battet, acrobatics, circus and variety show elements. True, we've got to make a new etart—hut

elements. True, we've go! to moke o new elori—hul necessarily in the tight direction. There are people who think it most important to surprise everyone with something new and spectoculor. Well, one can surprise, sha argues, for instance, by oppearing dressed in a loncitul costume, one can also strike a spectaculor pass. One can, in the litrat analysis, think up a funny dance and keep audiences laughing their heads oil for a luft four minutes. All this could termin in peopla's minds as just an episode, but much worse, il might be held up as a good example, and the blame for il would have to be shared by all of us—coaches, performers, and viewers. To surprise, she sireses, does not mean to with acceptance. A real cisative search is always accompanied by thinking a tot of what to find and bequenth to your eucoessors. This is why I would-like once again to emphasize the reswhy I would like once again to emphasize the responsibility everyone of us has to bear, porticularly the leaders, she concludes.

IN INFORMATION No. 44 1994

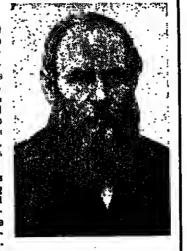
HOME NEWS

#### Places to visit

On Novombor 11, 1981, 160 years will have passed since the birth of Fyoder Dostoyovsky, the great Russian writer. "The man who optionizes atruggle", was how Leo Talstoy described lum; "a child of his age, a child of dishelicf nod doubi" - Destoyovsky was to write about himself. His novels

end stories are read and re-read. nod lolerest in them foday is Dosloyevsky, who geve is his readers his visien of Pclerahurg could hardly have toresees that

psopla in the next (20th) ceutary would walk through the atrees of his city to the foststeps of the cheractere he crea-ted. Dostoyevsky's many homes



# in Leningrad



ot them) are carefully preserved It was in this city, after atl. that Dostoyevsky hecamo world tamous: it was also here that he experienced like despair of e prisocoer coodemoed to death. A illerery memorial museum hes been looaded in one of the houses Dosloyevsky fived in, at the corner of Kuznechny Lane and Dosloyevsky Stroet. Caudie hurn on the terge table where he wrole some of the chapters of "The Brothers Karamazov" (middle pholo). Hare there is also an exhibition of Design yevaky's drewings, his pictures of the cherecters from "Crime and Pustshmeot" and "The Idlot". The bands of the clock le the sitting-room point to the



## THE FIR-TREE BREAKS INTO SONG

Povluchkovich, en inhebitant of the Lyov village of Ternavka, in the Ukrsice, has brought an old musical instrument back to life. He has reconstructed various versions of the trembile, an instrument popular long ago with the dwellers of the Carpalhian Mouniains,

It took many years of re-search, listening to the stories of old-timers and hunting tor the rare descriptions of the instrument to be tound in literature, before Povluchkovich was able to be made, as it was in days gone by, from n hundred-year-old fir-tree which has been alruck by lightening and has grown up in the shode and out of the wind. Only a fir-free will "sing". Under Pevluchkovich's leader-

lo resurrect it. The trembite has

ship, e irembile ensemble has been sel up in Tarnsvka. It plays old tunes from shephord folklore os well as more con-

#### The Urals' oldest monument under restoration

Restoration work has begun on the Kesen Mausoloum, one of the oldest erchitectural monumanis in the Urals. We don't

century, established that the tower had been used as a hurial vault for a well-born woman.
The clue is the gold carrings have a precise date for this 16-meire tower, not far from the town of Verns, but it is generally believed to have been erected in the 14th century.

The first excavations, undertaken here at the end of the lest.

#### Science and technology

#### HOW TO IMPROVE ONE'S MEMORY

of Biophysics of the USSR Acedemy of Sciences maintain that seances of electrically-induced sleep can help to combat the phenominan of ovarietique, der-lying from the mounting Bow of information to which each individual is subjected. The salubrisus propertins of such elemp. which etimulates weak electric lapulses affecting the brein lapulses affecting the brein have long been known. But how does it affect memory? To answer this question scientists singed an experiment, which consisted in getting a group of patients, in the 35 to 55 ege range, both hefore and after sleep to memorize a dozan words at a time, Before the assistant of those taking part in the experiment remembered at hest experiment remembered at hest five out of 10 words they bread But after several sessions of electrically-induced steep, the number of words they were cap shie ot memorizing noticeably Increased. A considershie im

## GENERATOR

Scientists et the Leningrad instituto of Engineering Physics, of the USSR Academy of Scionces, luvo staged a series of experiments in order to try and transform solar energy into electricity by using original semiconductor photacells. This work should make it possible

onergy.

Scientists from the Institute

provement was wiluessed in th mesory of all the patients.

## CRYSTAL

## OF ELECTRIC ENERGY

to bring nearer the time that our industrial power sistions will be run on cheap aolar

#### Workers at the institute have devised photocolis by coupling two materiels in nue single crystal—galilum arsenidn and aluminium arregude. As hos heen shown by experiment, they withstend a flew of light. concentrated by mirrors, and temperatures of up to 1,500 dagrees, their ellictoncy resching 25 per cent. In the near luture,

tt mey be possible to reise this rate evan higher.
Today Leningrad scientisis, together with colleagues from Uzhekiston, ere working on the first solar power plant based on such photocetis. A compact system, with mirrors from cheep metallopiastics is being created. metalloplastics is being creeted, capable of supplying energy for instruments, for the nvery-day needs of o geological expedition, for an automatic meteorological stellon, for a navigation beacon, or for water pumps of wells in southero

#### ARTIFICIAL OPAL

A jowellery factory in Du-manbe, Injikisten, has started on the production of experimental asmplen of objects made trom artificial opol, including rings and ear-rings in graceful silver settings of national design. Natural opal is no exceptionally rare stone. Opal deposits have been found in our country. Its like are purely of country, but they are purely of minorological interest, while Australia is the only place in the world possessing commer-cial daposits of opal. It were scientists at the institute of Geology and Geophysics of the Stherlan trench of the USSR Academy of Sciences, who first

worked out o technology for They found out haw to obtain synthetic opals closely resembling the netural stone in structure, chemical composition and to other physico-chemical and optical properties. Even an experienced jeweller cannot tell an artificial opel from o naturol one.

## **ASKANIA-NOVA**

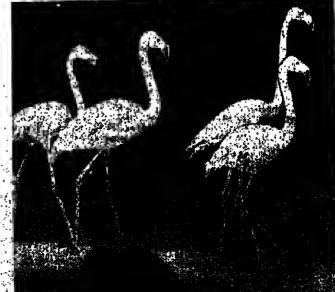
The research institute at Askanie-Nova, tavolved in breading snimels for steppe regions is also reintroducing rars animela end birds to their previous habitats.

One of the first eatries in the Red Deta Book wes the Przhevalsky horse, which hos adepted well to life in the nature reserve. The herd at Askanis-Nova is now big enough to heve made it possible to return saveral horses to their native Gobt preserve, in Mongolia.

The Askanla-Nova nature reserve also acts as a home to Central Asian onagers, to swans, flamingoes, mountain gosis, sieppe eagles, bisom, etc.

Some of the residents at the Askanta-Nova Nature Reserve. Mountain goals and famingoes.





## VIEWPOINT

# PERIOD



The Metro has become the main form of passenger transport in major Soviet ctiles. Below, Boris SHELKOV, Deputy Minister of Railways, speaks about its prospects.

Today the total length of a Metro lines in this country mounts to 350 ker; more theo it mittion people travet by Met-re every day. The Mescew Metrn accounte for cearty 43 por ceni oi passeogor tratfle.

Cach year, the Metro eppears in new clites and the length of 00 km of new tines will be hull in the cext five years, to 1984, the Metro will go into operation to Minsk, capital of Byelorussia Eight underground metions with the built ou the first section of the tine which will stretch to B.6 km. A new Matro with b opeood in Gorky in 1995 and in the aemn year, construction work will he completed ou the first underground reliwey in Novosihirsk, Stheria.

The length of Metro tices to to tocrease to Louingrod, Klev, Tbilisi, Baku, Kherkov, Tashkeot and Yereven, while placs are under wey for the Metro to Ri a, Omsk, Rostov-oo-Don, Atma Ala, Chalyahiosk and Perm.

By 1986, the total length Meiro lines will exceed 450 km and there will he over 300 sla-

The Moscow Melro is worth special mention. The initial II km line of the first Soviet Metro, built as per Soviet design, was opened on Mny 15, 1935. Today the Mescow Metro stretches for 185 km, and carries more than 6.5 million par-nengers per day. 20.4 km of new lines are to be built in the 1th five-year plan period (1281be completed on two major lines—the Serpukhevskays and Zamoskvoretskays -- linking the cow with the city centre.

The new types of carriages that are being infreduced on our Metro ere made of alumiul 

AN INFORMATION NESS BE 19812 AL

# Gleb PANFILOV

showing Gleb Panfilov's new film, "Valentina", hased on one of playwright Alexander Vampilov's hest pleys, "Las Suomer in Chulmsk", The film prohes into the joiricacles of a woman's heart, more precisely into that of a young girl who passionalely and loyally beliaves in good In the lace of the pela end suttering surrouading her, and this despite the lact that the good was daily trampled tato the ground. The gril is a waitress in a liny provincial lea-house. This is quite in line with the aort of characters Pantilov has cheace as leads in his previous films. Among his earlier works are the trilogy, "No Way Through the Fire", "The Beginniag", end "I Ask for the Floor".

On feaving achool, Pastilov entered a chemical engineering instillute in the Urals; he than went to work in a factory, was a Komsemol taider, end finally, look up amaicur filming. This brought him to the cameremen's feculty et the Institute fer Cinemaiography sad finelly to the Courses in Advanced Directing. All this in varying degraes contributed to moulding him as a director. The stylistics of his films—forcefut, constructive and reference to the films—forcefut, constructive and allen not only to irtils but to all decoration of the ampiest kind—reveal the seber analytical mind of a practical mea, as well as his drive and vigor. But Panilov's career might well have taken other turas,, had not two happy angusters come by happy encousters come his way—with film accenaries Yevgeny Gabiliovich and scircss inan Churikova. In the case of the faller, however, it could be said to be a lwe-way process: for had if not beas fer Panillov the chaaces are we would have never known the irse renge of laical hidden in an actress who, up to then, had bean filmed mataly in eccentric, tacidental paris. Panfilmed mataly in eccentric, tacidental paris, Pan-filtov managed to discero personality, letant ead passion in an uogalaly, rethar swkward eciress whose life had not beae easy, end tercefully bring them to our aliention, fa lact all three of his films seek to drive it boms to us that latant can be ansconced under a most unitially axterior, can be ansconced under a most unlikely exterior, and that qidle olien people are not kind or altealive amough to bring it to life. Very possibily this coateation has been heard before, but the combined taleats of Peafilov and Churikova has imparied to it the originality of Columbus' discovery. Remember the immensely talented, whimsical salf-leught actress in the first years of



the revolution, with everyone, including herself. Through the Fire"), "The Beginning", which is an almost illeral reconstruction of the way Peafilov and Churikova mai, is e credit to the direcniov and Churikova mat, is e credit io the director who first eaw the octress playing Baba-Yaga
in an amatour lheatre and bacemae convinced
that this lactory girl would make an excellent
Joan of Arc. In the him "I Ask for the Floor"
Churikova plays the part of an ordinary young
woman, turned city maysr, who has to prove her
shillty and therstore her right to lead poopte.

Originality, maximalism and zeat is what unites the berolaes et these three tragic comedies. The director teatste that it is practisely these traits which lie at the root of the contemporary Russias populer cherecter and in his work he subjecte it, in all its derivatives, hold "positive" and "asgetive", to objective analysis.

Talyana SAVITSKAYA

## KIEV CONSERVATOIRE REVIVES 18th-CENTURY CLASSIC

The Kiev Conservatoire hae revived a soneta for violin and cambalo by the 18th-ceatury Ruselan composer, Maxim Bare-

The manuscript, confeiging the score for the aonala was discovered in the music section of the National Library, in Paris. The inscription on the litta page saya that it was composed in 1772, in the town of Piss. By this dete, Berezovsky, who had been sent to ftaly to portect his mastery of music, had become an Academician al Bologna University. Ol ell the music written by

this talented composer, only a law compositions have come down to us. These include a choral concerto "Do Nol Leave Me in Old Age", which is any performed by many choirs in our country, the opera "Demo-foonte" and several choral works. Today, fana of sactant music cao hear the aarliesi kaown pieces of Russian in-

## Exhibition of painting from Bulgaria

An exhibition of works by coatemporary Bulgarian palolera and carvers is on view et the Central Artists' Club on 14/10 Krymskaya Embankment, in Moscow. On diaplay ere 88 works by 44 painters belonglog to dillerent generations sod schools.



irom pair,lings based on lolk-lore motifs and historical works to works depicting mo-dern Bulgarid and her people, Landscapes and cityscapes predominale.

Aleksley Zdrevka. "October 1917"

Garadis Mihalis.
Pragmeets of Biernity".



## MUSIC **LIBRARY** IN ROSSI STREET

Tchaikovsky'a original score for the "The Queen of Spades" ta anough to make the mucic library in Rossi Street to Leningrad, world lamous. However, Tchalkovsky's eutograph is lar from helag the only vetuable manuscript kept in the archives of the central music library of the Kirov Opera and Batlet Thaatre, in addition to the music lor all the operas, battets, and vaudevilles ever staged in Russia, il hes thousands of invalueble documente in its collections

recreating the historical de-velopment of Russian and world missic. Bolahol Theatre (Sverdlov Sq). 10 — Mussorgaky, "Borls Goducov" (opera). 11 — Khrennikov, "Balisd of a Hussar" (ballet). 12 — Double-bill: Rimens of music critics from ahroad have researched al lha library. Thus, S. Caldwell (USA), conductor of the Boston opere orchestra, studied the history of the front of "Boris Godunov" in Leningred and, as a loken of her gratifude, she presented to the library e facetsky-Korsakov, "Mozari and Salleri"i Tchalkovsky, "folaothe" (operas), 13 — Bhchedrin, "Anne Kareoina" (ballai).

Sienislavsky and Nemirovich-Dancheako Musical Theaire mile copy of Mozart's score for "Don Giovanni". The British mulicologist, M. Robiason, Work-Bd. on, the scores of Paisiello here. While Yuti Grigorovich, ohief Robiason (17 Pushkinskeya Si). 11 — Shosjakovich, "Kalerina Izmaifova" (opera), (2 "Images" and Sounde" operate ballels: Mozart, "Sympheny of Youth", Schubert, "Eveolog : Dances"; Strauss, "Straussland", 13—Of-lenbach, "La Bella Hélaae" obief chorsogrepher of the Bol-shol in Mosedwi made use of the score; of Shostakovich'n belief "The Golden Age" which is kept in this library; for his new pro-duction (operu). Operetta Theatre (6 Pushkin-skaya St). 10 — Kalmen, "La Violette da Mohimerire", 12 duction

Citie oldest scores in the library which is descended from
the must office of the imperial
traces, are 250 years old.

Zhurbin, "Penelope", 13 — Ziv, "Massieura Actors",

Romen Gypsy Theaire (32/2 Leningradsky Frospeki). 10 Toholkio, Brothers". 11 Khruetalyov, "Fiery Blood". 13 — Khrustalyov, "Charry Blood". \_ THEATRES\_ Kremila Palace of Coagresses (Kremila). Bolehel Theatre per-tormances: 10—Prokofley, "Tha som". Sione Flower' (ballet), it --Rimsky-Korsakov, 'The Tsar'e Ohraziaov · Central · Puppe Theatre (3a Sadoveya Samo-lyochnaya SI). 11 - The Bride" (opera).

WHAT'S ON!

November 10-13

Princess and the Echo". 12 Shiok. 'Divise ( "Ao Unusual Concert". ... FILMS .....

> USSR). A film which spells of to us fusl why we need it care for our land and protect. Nature Cineme: "Brest" (21 Yarise" skaya St). Melro Molodyozhpeys

> > skaya.

A Criminal and Advocate (Tajikfilm, USSR).

A psychological distantion for the shout family life. Cinemar Tajikistan (8 3he remetyevskeya St). Metro Rhi

MA HOLLANDON HE M

The Flood (Belerushin

BUSINESS

# Our first sound cinema is 50 years old Chkelov" and "Alexander New sky". Today, the "Udernik" h the feading cinema ic or

"Udernik", country's first sound claema theatre, was opened 50 years ego to Moscow to mark the 14th enoiversary of the Octobar Revolution. On that evening of November 7, 1931, it showed a new sound film, "Golden Mouotalos", by Sergel Yulkevich,

the first to see Soviet musical comedies, for lostence, "lely Pellows", "The Circus" "Vol. ga, my Volga", "The Spiley, The "Udarnik" remains up to this day the favourite cleen with many thousands of Musica. Many Important films premieres have taken place at the "Udernik" cinema: "Chapeyev", with many thousands of Muco-vites. It cootinuss to errass "Lenla in Octobar", the Irilogy about Maxim, "Member of the Government", "Baltic Deputy", "The Great Citizeo", "Valery get-togethere with film works.
Ulin premieres, and weeks dioreign films...

## Soviet-Indian documentary on Nehru

Next May, work will begin on a joint Sovist-Indien documentary about tadie's first Prime Minister Jewahariai Nehru. Agreement to make the film was reached during e visit paid to india hy e delegation of Soviet liim-makers, in February, e group of Indian film-mekera ere to come to the Soviel Union to

finalize arrangements for the The Soviet side is making preparations for this new joint Soviel-Indian production. Nehm did much to strengthen Sovietindian frieodship, and s fig. about him, therefore, will be s major event in the cultural selelions between the two coun-

"Udernik" andleaces was



The Muscow Chamber Musical Thealre has given its first-night per-tormance of one-act plays, "The Saven Daedly Sins" based on Brecki and "The Operalia Hour, or Jacques Olienback and the Olient". This is a coproduction to which the theatre's actors led by Boris Fokrovsky, and sludents of the Siste Institute for Dramalic Atl ere laking part. Photo by Alikhail Strokov

# Important

A Soviet-West Germaa collogulum oo the thems "The Present Condition of and Prospecis for the Development of Roleticos between the USSR and West Germany" han recently been held in Kiev. Wollgang Mischnick, Cheirman of the isction of the Free Democratic Party of West Germany, look

Bilsteral relations between our

two countries have hecome more inteorive over the past 12 years, Mischnick and, Whereas before Wesl Germany end the Soviel Uoton merely roexisted to msoy epheres, todey they cooperete closely with each other, lo the sphere of ireds end economic relations, for example, the Soviet Union has placed big orders with West Gormany, while iron-end-steef plecis heve been coastructed in your country, A major gas-pipes desi is soon to be concluded, Ali the ebove form parl of the mulually advantageous contacts existing bolween our two coun-

We hope that Leonid Brezh-nav's visit to our country will strengthso bilateral ties, and will have a favourable influence oc East-West relatione as a whole. The leci that the issding politiciens of the Federal Republic of Germany and the Soviel Union ere to meel ogain altsr a comparatively short period of time, shows that wa are striving, in the face of coorplicated political developments in the world, to strengthen trust exchange of views.

## Soyuzpushnina celebrates its 50th anniversary

V/O Sovuzpushning, the Soviet lur-trading firm, has celebrated its 50th anniversary. The firm's general director, Viktor Ivanov, said that over the last twenty l'ears Sovuzpushniaie Irade turnover has increased by sevan times. Among its permanaut

CONCERT HALLS

Caotral Concert Hall (I Mos-

kvoretskaya Embankmeni). 11, 12, 13-Evenings with Nani

Bregvedze (Georgia). Leain Central Stadium (Luzh-

niki). 11, 12, 13 - "Comrade Cinema Singa", a theatrical per-

Variety Theetre (20/2 Ber-

\_EXHIBITIONS \_

Exhibition Hall RSFSR Arliste

Union (It Kuznelsky Most St).

About 500 works by more than 300 Moscow erists (paintings,

drawings, sculptures, epplied and

decorative ert) are on displey.

Dally, except Tuesday, ocon to 7 p.m. Metro Kuznetsky Mosi.

USSR Exhibition of Economio

Achievements. Horticulture and

Greenery Pavilion (Prospekt Mira). "Plowers end Decorative

Art", sa exhibition of decorative

plants and objects made from

ceramics, glass, wood and metal.

Dally, 10 a.m. to 7 p.m. Metro VDNKHA.

POOTBALL

Dynamo Stadlum, 11, 12, -

\_\_ SPORTS \_

Lenin Cealral Sladtum. 11 --Spariak v Dynamo (Klev).

clients are firms from 64 coun-

tries, including the FRG, France, England, the Uoited Stalas and Japan. The Soviet Union is a way of the control of the Country of the Countr

msjor supplier of fur to the world merkat. Our furs heve

won top prizes at meny interna-tional exhibitions and fairs.

Spartak and Dynamo are Spattak and Dynamo are lwo leading clubs. Though the lwo leams rapresed different football styles, they both play with saccess on lootball grounds in our country and abroad.

A vanely performance, "Eveo a Cat Appreciates a Kind Word". TABLE TENNIS

Lenin Central Stadiem. Druzhba Gym. 11 — European league championship. USSR v Greece.

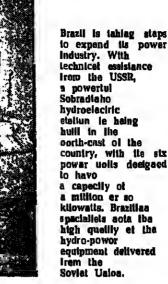
> Champtons end prize wianers of the coatlean are

Hippodiome (22 Begovaya Si). It, 13 — Racing and Irott-leg. 6 p.m. (both days).

WEATHER

November 10-13

Moscow, city and region, duli-on November, 11-13, precipita-tion will jacrease. Wied 10-15 mps. Temperatures on No-vember 10: 0 minus 4°C, at-night; leter on, about 0°C at-Dynamo (Moscow) v Chernoaight and during the day.



to expend its power industry. With technical essistance from the USSR, a powertul Sobradiaho ydroelaciric teliun le haing hull in the oorth-cast of the powar uolis deelgaed to have a capecily of a million er so kilowatts. Braziliaa spacialists acta the itgh quelily et the equipment delivered

## **REYNOLDS** TOBACCO IN MOSCOW

The American firm of Raynolds
Tobacco Inc. with assistance
from V/O Vneshlorgreklama recently presented its products in Moscow. Representatives of Soviel loreign trade end indus-trial organizations were offered the company's Winston end Cemel brends of cigsretts.

The firm's ragional director, Bruce Koleman, totd en "MNI" correspondent that this was tho third time that Reynolds had displayed the wares to Moscow. He added that such displays contributed in no small way to the popularity of the firm's cigarettes on the Soviet market. Rey nolds Tobscco ere sold in ell European socialist countries, Winston and Cemci cigarcites

Under an egreament on scientlfic and technological coopera-tion with the USSR, n joint ex-periment has been carried out

are made in Yugoslevie, Buiga-

ria and the GDR on licence from

since 1975 of growing American varieties of tobacco, for instance, Virginian tobacco, in the Kras-noder Territory in southern Rus-

Reynolds Industries, of which Reynolds Toliacco is a autislittary, is elso prepered to explore possibilities of cooperating with Soviet organizations in the development of energy resources, lood production, transport and

## Bobtrade displays consumer goods

Assisted by V/O Expocentr, the Greek firm of Boldrade has held a selection exhibition of consumer goods in Moscow. displayed semples of ready-made woman's and men's co-thing, underwear, linen, katt-wear, and verious forms of soft

Bobirade aet up contacts with Soviet loreign trade organiza-tions in 1979 when it held its first exhibition in the USSR. to the two years that have passed since then, it has sold to the Soviel Union a tolal of nearly it militoa dollars worth of consumer goods, malaty off-the-

On the Soviet market, Bohirade represents the laterasis of the Greek coosorilum of Garmat (21 firms), and the firms of Gevi, Mihopoulos and

#### Intourist news

Not long ogo, the World Tourism Organization held the Fourth Session of He General Assembly in Rome. Il was of-tended by detegates from 88 countries and observers from 30 trevel ogenie and companies and from several internalianal organizationa.
The session was presided

over by N. Signorello, the lo-lan Minielet of Tourism and Culture. Dalegates discussed the Sacretory General's itematican the Organization's unityties over the pair two years, approved the programme of ocand oxomined the remits of the World Tourism Conference. held in Manila in 1980. They plso elected mambers to the

PRESSURE-DIE CASTING MACHINES WITH 100 TO 3000 TONNE DIE-**CLOSING EFFORT** YIELD CASTINGS WHICH:

● have mass from 50 grams to 50 kilos

• feature high strength, casting precision and fine aurface finish

are machinable in components for various industries



#### Contacts and contracts

O The session of the foint commission of the joint commission of the Council for Muluel Economic Assistance and the Iraqi Republic has ended in Baghded. The protocols of the session onvisege the development of cooperation in treda, transport, power engineering, the oil end ges industry, agriculture, irrigetion, science end technology.

Talks heve been held in Moscow batween Semyon Skechkov, Chairmen of the State Committee for Foreign Economic Relations, and al-Bahr, Minister of State and Haad of Oll and Mineral Wealth Foundation of the Yemant Arab Republic.

© In the Mongolian town of Erdenal, the first section of a carpati-making combine, which is

carpet-making combine, which is to produce 650 thousand square metres of carpoling a year, has gone into operation. When this enterprise, built with Soviet essisience, gets into full gear, the annual production of cerpating will amount to twice this ligure.

O N. Palofichev, USSR Min-islar of Foreign Trade, mat in Moscow with Minister O. J. Meltile, Vice-Chairman of the stending intergovernmental Soviet-Finnish commission for aconomic cooperation and Chairman of Enso-Guisalt and Velmet com-panies. Soviat-Finnish Irede, economic cooporation and the forthcoming session of the conmission were discussed.

#### FINNISH FIRM HOLDS SYMPOSIUM

A symposium for Soviat ape-cialists has been held in Mos-cow by the Finnish firm of Roseniew, aponsored by the Moscow branch of the Plaatsh-Soviet Chamber of Commerce, The different industries was discusand, tactuding Rosenlew's evapo-ration and cristalization tech-nology intended for the manu-facturing of artificial fibres. Finnish specialista delivered a re-port on the utilization of exhaust gases in eogineering.

### ROME MEETING TOTS UP RESULTS

sed o number el administrative, linonaral and legal maliers. Delegates upproved WTO activities and incles the increase ing role the Organization was playing in international acopeand its oclive work in imple-menting technical assistance un-der the UN Development Pro-

Axecutive Council, and discus-

growme.

Noting that this country favours growing falengatopal tourist fines, the Saylei delegation of the fact that the enders of such links depends entrely on a durable peace, delegate, and discrimination, in collect on the WTO to make gromme. an ootive contribution lowerds

this aim. The Soytel oppeal supported by many other dele-

gates.

Most speakers profess WTO's

very effective contribution

of the 1980 lowards the success of the 1980 World Tourism Conference in World Tourism Contention in Manila and young the Donnenber's that approval for the Donnenber's that document, the Manila Docke tollon on Within Tourism? On the Invitation of the Mexican government, will was disclading that members of the 1980 World Tourism Contents will Sold Short Base. field their Rien; bennilläfive meeting in Astipulon in August, 1982, 12 dibette the Implement tation of the drovisions of the Manua Declaration and to draw up a plan to the further im-plementation of 11d decisions

Same?

Co

6

MN INFORMATION No. 89, 1981